



DIRECTV®



DIRECTV®
Universal Remote Control
User Guide

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INTRODUCTION

Congratulations! You now have an exclusive DIRECTV® Universal Remote Control that will control four components, including a DIRECTV Receiver, TV, and two stereo or video components (for example, a DVD, stereo, or second TV). Moreover, its sophisticated technology allows you to consolidate the clutter of your original remote controls into one easy-to-use unit that's packed with features such as:

- Four-position **MODE** slide switch for easy component selection
- Code library for popular video and stereo components
- Code search to help program control of older or discontinued components
- Memory protection to ensure you will not have to re-program the remote when the batteries are replaced

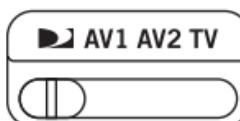
Before using your DIRECTV Universal Remote Control, you may need to program it to operate with your particular component. Please follow the instructions detailed in this guide to set up your DIRECTV Universal Remote Control so you can start enjoying its features.

FEATURES AND FUNCTIONS

Key Charts

Press this key...

To...



Slide the **MODE** switch to the **DIRECTV, AV1, AV2** or **TV** positions to select the component you want to control. A green LED under each switch position indicates the component being controlled.

TV INPUT



Press **TV INPUT** to select the available inputs on your TV.

NOTE: Additional setup is required to activate the TV INPUT key. (See instructions on page 9.)

FORMAT



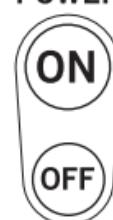
Press **FORMAT** to cycle through the resolution and screen formats. Each press of the key cycles to the next available format and /or resolution. (Not available on all DIRECTV® Receivers.)

PWR



Press **PWR** to turn on/off the piece of equipment the mode switch is set to.

DIRECTV & TV POWER



Press **TV POWER ON/OFF** to turn the TV and DIRECTV Receiver on or off.

(NOTE: These keys are only active after the remote has been setup for your TV. See page 8.)



Use these keys to control your DIRECTV DVR or your VCR, DVD, or CD/DVD player.



On a DIRECTV DVR, enables one-touch record for any selected program.



Replay jumps back 6 seconds and plays video from that location. You can also hold the button down to jump back to the beginning.



Advance jumps ahead in a recording. You can also hold the button down to jump forward to the end.

GUIDE



Use **GUIDE** to display the DIRECTV Program Guide. Press twice to see programs by category.

Press this key...

To...

ACTIVE

ACTIVE displays the DIRECTV Active Channel which includes local weather, horoscopes and more!

LIST

For non-DVR boxes, pressing **LIST** takes you to the To Do List. For DVR boxes, **LIST** takes you to the PLAYLIST (recordings). (Not available on all DIRECTV® Receivers.)

EXIT

Press **EXIT** to exit menu screens and the Program Guide and return to live TV.

SELECT

Press **SELECT** to choose highlighted items in menu screens or the Program Guide.



Use the **ARROW** keys to move around in the Program Guide and menu screens.

BACK

Press **BACK** to return to the previously displayed screen.

MENU

Press **MENU** to display the Quick Menu in DIRECTV mode, or other menu for another selected device.

INFO

Use **INFO** to display current channel and program information when watching live TV or in the Guide.



Displays various options while viewing live TV, the Guide or the Playlist.

Press **YELLOW*** to display TV Options

Press **BLUE*** in full-screen TV to display the Mini-Guide.

Press **RED*** in the Guide to jump 12 hours back.

Press **GREEN*** in the Guide to jump 12 hours forward.

*Other functions vary—look for onscreen hints or refer to your DIRECTV® Receiver's user guide. (Not available on all DIRECTV Receivers.)



Press **VOL** to raise or lower the sound volume. The volume key is only active when the remote is set up for your TV.

Press this key...

To...



While watching TV, press **CHAN▲** (or **CHAN▼**) to select the next higher (or lower) channel.

While in the DIRECTV Program Guide or menu, press **PAGE+** (or **PAGE-**) to page up (or down) through available channels in the Guide.



Press **MUTE** to turn the sound off or back on.



Press **PREV** to return to the last channel viewed.



Press the number keys to directly enter a channel number (e.g. **207**) while watching TV or in the Guide.

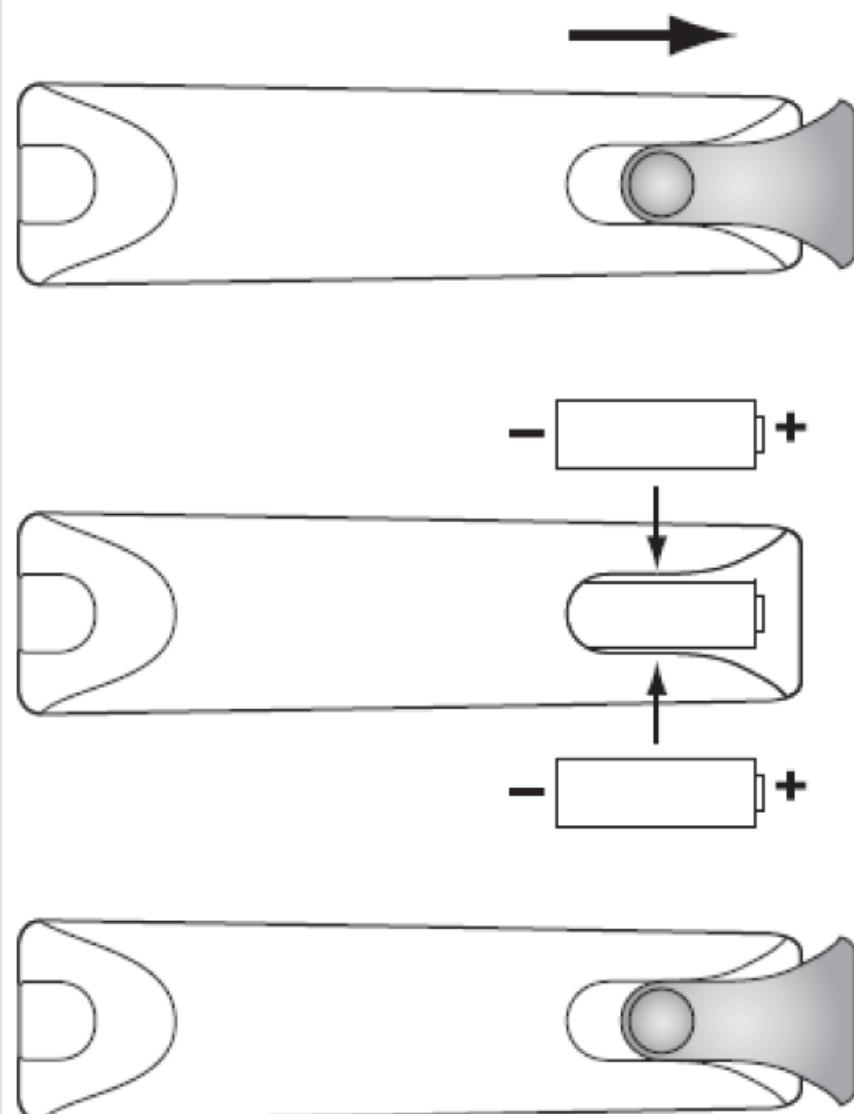
Press **DASH** to separate main and sub-channel numbers.

Press **ENTER** to activate number entries quickly.



Use the **LIGHT** key, located on the right side of your remote control, to turn backlighting of all keys on or off.

INSTALLING BATTERIES



1. On the back of the remote control, push down on the door (as shown), slide the battery cover off, and remove the used batteries.
2. Obtain two (2) new AA alkaline batteries. Match their + and - marks to the + and - marks in the battery case, then insert them.
3. Slide the cover back on until battery door clicks into place.

CONTROLLING YOUR DIRECTV® RECEIVER

The DIRECTV® Universal Remote Control comes programmed to work with most DIRECTV Receivers. Should the remote control not work with your DIRECTV Receiver, you will need to set up the remote control by performing the following steps.

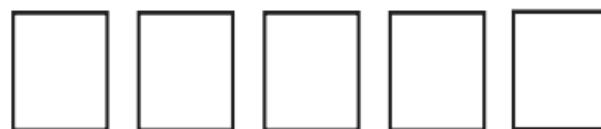
Setting Up Your DIRECTV Remote

1. Locate the DIRECTV Receiver's brand and model number (on the back or bottom panel) and write it in the spaces below.

BRAND:

MODEL:

2. Locate the 5-digit code for your DIRECTV® Receiver. (See page 14.)
3. Power on the DIRECTV Receiver.
4. Slide the **MODE** switch to the DIRECTV position.
5. Press and hold the **MUTE** and **SELECT** keys until the green light under the **DIRECTV** position flashes twice, then release both keys.
6. Using the number keys, enter the 5-digit code. If performed correctly, the green light under the **DIRECTV** position flashes twice.
7. Aim the remote at your DIRECTV Receiver and press the **PWR** key once. The DIRECTV Receiver should turnoff; if it does not, repeat steps 3 and 4, trying each code for your brand until you find the correct code.
8. For future reference, write down the working code for your DIRECTV Receiver in the blocks below:



ONSCREEN REMOTE SETUP

Once your remote is setup to work with your DIRECTV Receiver, you can set it up for your other equipment using the steps detailed on the following pages, or you can set it up onscreen by pressing **MENU**, then **SELECT** on Settings, Setup in the Quick Menu, then selecting Remote from the left menu.

CONTROLLING YOUR TV

Once you have successfully set up your DIRECTV Remote to operate your DIRECTV Receiver, you can set it up to control your TV. **We recommend you use the on-screen steps described on page 8**, but you can also use the manual method below:

1. Turn on the TV.

NOTE: Please read steps 2-5 completely before proceeding. Highlight or write down the codes and component you wish to set up before moving on to step 2.

2. Locate the 5-digit code for your TV. (See “Setup Codes for TVs” on page 15.)
3. Slide the **MODE** switch to the TV position.
4. Press and hold the **MUTE** and **SELECT** keys at the same time until the green light under the TV position flashes twice, then release both keys.
5. Using the number keys enter the 5-digit code for your brand of TV. If performed correctly, the green light under **TV** flashed twice.
6. Aim the remote at your TV and press the **PWR** key once. Your TV should turn off. If it does not turn off, repeat steps 3 and 4, trying each code for your brand until you find the correct code.

7. Slide the **MODE** switch to the **DIRECTV** position. Press **TV POWER**. Your TV should turn on.
8. For future reference, write down the working code for your TV in the blocks below:

| | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|
| <input type="text"/> |
|----------------------|----------------------|----------------------|----------------------|----------------------|

SETTING UP THE TV INPUT KEY

Once you have setup the DIRECTV® Remote control for your TV, you can activate the **TV INPUT** key so you can change the “source”—the piece of equipment whose signal is displayed on your TV:

1. Slide the **MODE** switch to the **TV** position.
2. Press and hold the **MUTE** and **SELECT** keys until the green light under the **TV** position flashes twice, then release both keys.
3. Using the number keys enter **9-6-0**. (The green light under the **TV** position flashes twice.)

You now can change the input for your TV.

Deactivating the TV Input Select Key

If you want to deactivate the **TV INPUT** key, repeat steps 1 through 3 from the previous section; the green light will blink 4 times. Pressing the **TV INPUT** key will now do nothing.

CONTROLLING OTHER COMPONENTS

The **AV1** and **AV2** switch positions can be setup to control a VCR, DVD, STEREO, second DIRECTV Receiver or second TV. **We recommend you use the onscreen steps described on page 8**, but you can also use the manual method below:

1. Turn on the component you wish to control (e.g. your DVD Player).
2. Locate the 5-digit code for your component. (See “Setup Codes, Other Devices” starting on page 15.)
3. Slide the **MODE** switch to the **AV1** (or **AV2**) position.
4. Press and hold the **MUTE** and **SELECT** keys at the same time until the green light under **AV1** (or **AV2**) flashes twice, then release both keys.
5. Using the **NUMBER** keys, enter the 5-digit code for the brand of component being set up. If performed correctly, the green light under the selected position flashes twice.
6. Aim the remote at your component and press the **PWR** key once. The component should turn off; if it does not, repeat steps 3 and 4, trying each code for your brand until you find the correct code.

7. Repeat steps 1 through 6 to set up a new component under **AV2** (or **AV1**).
8. For future reference write down the working code for the component(s) set up under **AV1** and **AV2** below:

AV1:



COMPONENT: _____

AV2:



COMPONENT: _____

SEARCHING FOR TV, AV1 OR AV2 CODES

If you were unable to find the code for your brand of TV or component, you can try a code search. This process may take up to 30 minutes.

1. Turn on the TV or component. Insert a tape or disk if applicable.
2. Slide the **MODE** switch to the **TV**, **AV1** or **AV2** position, as desired.
3. Press and hold the **MUTE** and **SELECT** keys at the same time until the green light under the selected switch position flashes twice, then release both keys.
4. Enter **9-9-1** followed by one of the following four-digits:

| COMPONENT TYPE | COMPONENT ID # |
|-----------------------|-----------------------|
| Satellite | 0 |
| TV | 1 |
| VCR/DVD/PVR | 2 |
| Stereo | 3 |

5. Press **PWR**, or other functions (e.g. **PLAY** for VCR) you want to use.
6. Point the remote at the TV or component and press **CHAN▲**. Repeatedly press **CHAN▲** until the TV or component turns off or performs the action you selected in step 5.

NOTE: Every time **CHAN▲** is pressed the remote advances to the next code and power is transmitted to the component.

7. Use the **CHAN▼** key to step back a code.
8. When the TV or component turns off or performs the action you selected in step 5, stop pressing the **CHAN▲** key. Then, press and release the **SELECT** key.

NOTE: If the light flashes 3 times before the TV or component responds, you've cycled through all codes and the code you need is not available. You must use the remote that came with your TV or component.

Verifying the Codes

Once you have set up the DIRECTV® Universal Remote Control using the above steps, use the following instructions to find out the 5-digit code to which your component responded:

1. Slide the **MODE** switch to the appropriate position.
2. Press and hold the **MUTE** and **SELECT** keys at the same time until the green light under the selected switch position flashes twice, then release both keys.
3. Enter **9-9-0**. (The green light under the selected switch position flashes twice.)
4. To view the first digit in the code, Press and release the number **1** key. Wait three seconds, and count the number of times the green light flashes. Write this number down in the leftmost TV, AV1 or AV2 code box found on page 10.
5. Repeat step 4 four more times for the remaining digits; i.e., press number **2** for the second digit, **3** for the third digit, **4** for the fourth digit and **5** for the final digit.

CHANGING VOLUME LOCK

Depending on how you set up your remote, the **VOL** and **MUTE** may control the volume only on your TV, regardless of the position of the **MODE** switch. This remote can be set up so that the **VOL** and **MUTE** keys work *only* with the component selected by the **MODE** switch. To enable this feature, perform the following steps:

1. Press and hold the **MUTE** and **SELECT** keys until the green light under the **DIRECTV** position flashes twice, then release both keys.
2. Using the number keys, enter **9-9-3**. (The green light will flash twice after the **3**.)
3. Press and release the **VOL+** key. (The green light flashes 4 times.)

Now the **VOL** and **MUTE** keys will work *only* for the component selected by the **MODE** switch position.

Locking Volume to AV1, AV2 or TV

1. Slide the **MODE** switch to the **AV1**, **AV2** or **TV** position to lock the volume.
2. Press and hold the **MUTE** and **SELECT** keys until the green light under the selected switch flashes twice and release both keys.

3. Using the number keys, enter **9-9-3**. (The green light flashes twice.)
4. Press and release the **SELECT** key. (The green light flashes twice.)

NOTE: DIRECTV® Receivers don't have volume control, so the remote will not allow the user to lock volume to the DIRECTV mode.

ACTIVATING AND DEACTIVATING THE RF TRANSMITTER

Your DIRECTV Remote Control features RF (radio frequency) capability. When you activate the RF feature of your remote control, you can control your DIRECTV Receiver from anywhere in your home. You do not need to be within the line of sight of your receiver to control it.

NOTE: Not all DIRECTV Receivers are RF-capable. Also, some RF-capable DIRECTV Receivers include integrated RF antennas and do not require an external antenna. If your receiver requires the external RF antenna, before activating the RF transmitter, locate the RF antenna included with your remote control and insert it into the RF remote antenna coaxial connector on the back of your DIRECTV Receiver.

Activating the RF Transmitter

To activate the RF transmitter on your DIRECTV Remote Control, perform the following steps:

1. Locate the 12 digit Receiver ID (RID) number of your DIRECTV Receiver. You can find the RID number on the back panel of your receiver, or inside the CAM access door next to the reset button.
2. Write down the last six digits of the RID number.
3. Slide the mode switch to **DIRECTV, AV1**, or **AV2**.
4. Press and hold the **MUTE** and **SELECT** keys until the green light under the selected switch flashes twice and release both keys.
5. Using the number keys, enter **9 6 1**. (The green light flashes twice.)
6. Press and release **CHAN▲**. (The green light flashes twice.)
7. Using the **NUMBER** keys, enter the the last six digits of the RID number. (See step 2 above.)
8. Press and release the **SELECT** key. (The green light flashes twice.)

Deactivating the RF Transmitter

To deactivate the RF transmitter on your DIRECTV Remote Control, perform the following steps:

1. Slide the mode switch to **DIRECTV, AV1**, or **AV2**.
2. Press and hold the **MUTE** and **SELECT** keys until the green light under the selected switch flashes twice and release both keys.
3. Using the number keys, enter **9 6 1**. (The green light flashes twice.)

4. Press and release **CHAN▼**. (The green light flashes twice.)

The RF transmitter on your remote control is now deactivated. To reactivate the RF transmitter, See "Activating the RF Transmitter" above.

RESTORING FACTORY DEFAULT SETTINGS

To reset all the functions of the remote control to the factory defaults (the original, out-of-the-box settings), follow these steps:

1. Press and hold the **MUTE** and **SELECT** keys at the same time until the green light flashes twice, then release both keys.
2. Using the number keys, enter **9-8-1**. (The green light flashes 4 times.)

TROUBLESHOOTING

PROBLEM: Light at the top of the remote blinks when you press a key, but the component does not respond.

SOLUTION 1: Try replacing the batteries (see page 7).

SOLUTION 2: Make sure you are aiming the DIRECTV® Universal Remote Control at your home entertainment component and that you are within 15 feet of the component you are trying to control.

PROBLEM: The DIRECTV Universal Remote Control does not control component or commands are not recognized properly.

SOLUTION: Try all listed codes for the device brand being set up. Make sure all components can be operated with an infrared remote control.

PROBLEM: TV/VCR combo does not respond properly.

SOLUTION: Use the VCR codes for your brand. Some combo units may require both a TV code and a VCR code for full operation (see page 8).

PROBLEM: CHAN▲, CHAN▼, and PREV do not work for your RCA TV.

SOLUTION: Due to RCA design for certain models (1983-1987), only the original remote control will operate these functions.

PROBLEM: Changing channels does not work properly.

SOLUTION: If original remote control required pressing **ENTER** to change channels, press **ENTER** on the DIRECTV Universal remote control after entering a channel number.

PROBLEM: Remote control does not turn on Sony or Sharp TV/VCR Combo.

SOLUTION: For power on, these products require setting up TV codes on the remote control. For Sony, use TV code 10000 and VCR code 20032. For Sharp, use TV code 10093 and VCR code 20048. (See "Controlling Other Components" on page 9.)

DIRECTV SETUP CODES

Setup Codes for DIRECTV® Receivers

DIRECTV all models 00001, 00002

Hughes Network Systems (most 00749
models)

Hughes Network Systems 01749
models GAEB0, GAEB0A, GCB0,
GCEB0A, HBH-SA, HAH-SA

GE models GRD33G2A and 00566
GRD33G3A, GRD122GW

Philips models DSX5500 and 00099
DSX5400

Proscan models PRD8630A and 00566
PRD8650B

RCA models DRD102RW, 00566
DRD203RW, DRD301RA,
DRD302RA, DRD303RA,
DRD403RA, DRD703RA,
DRD502RB, DRD 503RB,
DRD505RB, DRD515RB,
DRD523RB, and DRD705RB

DRD440RE, DRD460RE, 00392
DRD480RE, DRD430RG,
DRD431RG, DRD450RG,
DRD451RG,
DRD485RG, DRD486RG,
DRD430RGA, DRD450RGA,
DRD485RGA, DRD435RH,
DRD455RH, and DRD486RH

Samsung model SIR-S60W 01109

Samsung models SIR-S70, SIR- 01108
S75, SIR-S300W, and SIR-
S310W

Sony models (All models except 01639
TiVo and Ultimate TV)

Setup Codes for DIRECTV® HD Receivers

DIRECTV all models 00001, 00002

Hitachi model 61HDX98B 00819

HNS models HIRD-E8, HTL-HD 01750

LG model LSS-3200A, 01750
HTL-HD

Mitsubishi model SR-HD5 01749, 00749

Philips model DSHD800R 01749

Proscan model PSHD105 00392

RCA models DTC-100, DTC-210 00392

Samsung model SIR-TS360 01609

Samsung models SIR-TS160 01276

Sony models SAT-HD100, 200, 01639

300

Toshiba models DST-3000, 01749, 01285

DST-3100, DW65X91

Zenith models DTV1080, HD- 01856

SAT520

Setup Codes for DIRECTV® DVRs

DIRECTV all models 00001, 00002

HNS models SD-DVR80, SD- 01442

DV40, SD-DVR120,

HDVR2, GXCEBOT, GXCEBOTD

Philips models DSR704, 01142, 01442

DSR708, DSR6000,

DSR600R, DRS700/17

RCA models DWD490RE, 01392

DWD496RG

RCA models DVR39, 40, 80, 120 01442

Sony model SAT-T60 00639

Sony model SAT-W60 01640

Samsung models SIR-S4040R, 01442

SIR-S4080R, SIR-S4120R

SETUP CODES, OTHER DEVICES

Setup Codes for TVs

3M 11616

A-Mark 10003

Abex 10032

Accurian 11803

Action 10873

Admiral 10093, 10463, 10179

Advent 10761, 10783, 10815, 10817,
10842, 11933

Adventura 10046

Aiko 10092, 11579

Aiwa 10032, 10701

Akai 10812, 11675, 10060, 10702,
10030, 10098, 10672, 11207,
11676, 11688, 11689, 11690,
11692, 11693, 11903, 11935

Alaron 10179, 10183

Albatron 10700, 10843

Ambassador 10177

America Action 10180

Ampro 10751

Anam 10180, 10004, 10009, 10068

Anam National 10161

AOC 10030, 10003, 10052, 10137,
10185, 11365, 11590, 12014

| | |
|----------------------|---|
| Aomni | 11623 |
| Apex Digital | 10156, 10748, 10879, 10765, 10767, 10890, 11217, 11943, 11991 |
| Archer | 10003 |
| Astar | 11531, 11548, 11738 |
| Audiovox | 10451, 10180, 10092, 10003, 10623, 10710, 10802, 10846, 10875, 11284, 11937, 11951, 11952 |
| Aventura | 10171 |
| Awa | 10785 |
| Axion | 11937 |
| Bell & Howell | 10154, 10016 |
| BenQ | 11032, 11212, 11315 |
| Boigle | 11696 |
| Boxlight | 10893 |
| Bradford | 10180 |
| Brillian | 11007, 11255, 11257, 11258 |
| Broksonic | 10236, 10463, 10180, 10003, 10177, 11911, 11929, 11935, 11938, 10642 |
| Byd:sign | 11309, 11311 |
| Cadia | 11283 |
| Candle | 10030, 10046, 10056, 10186 |
| Carnivale | 10030 |
| Carver | 10054, 10170 |
| Casio | 11205 |
| CCE | 10217, 10329 |
| Celebrity | 10000 |
| Celera | 10765 |
| Champion | 11362 |
| Changhong | 10765 |
| Cinego | 11986 |
| Citizen | 10060, 10030, 10092, 10039, 10046, 10056, 10186, 10280, 11928, 11935 |
| Clairtone | 10185 |
| Clarion | 10180 |
| Coby | 12314, 12315 |
| Commercial Solutions | 11447, 10047 |
| Concerto | 10056 |
| Contec | 10180, 10157, 10158, 10185 |
| Craig | 10180, 10161 |
| Crosley | 10000, 10054 |
| Crown | 10180, 10039, 11446 |
| Curtis Mathes | 10047, 10054, 10154, 10451, 10093, 10060, 10702, 10030, 10145, 10166, 11919, 11347, 11147, 10747, 10466, 10068, 10056, 10039, 10016 |
| CXC | 10180 |

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|-------------------------|--|
| CyberHome | 10794 |
| Cytron | 11326 |
| Daewoo | 10451, 10092, 11661, 10039, 10066, 10082, 10091, 10623, 10661, 10672, 11928 |
| Dell | 11264, 11080, 11178, 11403, 11863 |
| Delta | 11369 |
| Denon | 10145, 10511 |
| Denstar | 10628 |
| Diamond Vision | 11996, 11997 |
| Digital Lifestyles | 11765 |
| Digital Projection Inc. | 11482, 11725 |
| DIRECTV | 11501 |
| Dream Vision | 11297 |
| Dumont | 10017 |
| Durabrand | 10463, 10180, 10178, 10171, 11034, 10003 |
| Dwin | 10093, 10720, 10747, 10774 |
| Dynatech | 10049 |
| Dynex | 11463, 11780, 11785, 11810, 12049, 12184 |
| Electroband | 10000, 10185 |
| Electrograph | 11755, 11623 |
| Electrohome | 10463, 10381, 10409 |
| Element | 11687 |
| Emerson | 11864, 10017, 10154, 10451, 10236, 10463, 10180, 10178, 10171, 10280, 10282, 10623, 11394, 11911, 11928, 11929, 11963, 10270, 10185, 10183, 10182, 10181, 10179, 10177, 10158, 10039, 10038, 10002 |
| Emprex | 11422, 11546, 11765 |
| Encross | 10876 |
| Envision | 10030, 10813, 11365, 12014 |
| Epson | 10833, 10840, 11122, 11290 |
| ESA | 10812, 10171, 11963 |
| Ferguson | 10005 |
| Fisher | 10154 |
| FlexVision | 10710 |
| Fujitsu | 10809, 10179, 10186, 10683, 10853 |
| Funai | 10000, 10180, 10171, 10179, 11271, 11904, 11963 |
| Futuretech | 10180 |
| Gateway | 11755, 11001, 11002, 11756 |
| GE | 11447, 10047, 10051, 10451, 10178, 11922, 11919, 11917, 11347, 10747, 10282, 10279, 10251, 10174, 10138, 10135, 10029, 10027, 10021 |
| GFM | 10171, 11963, 12167 |

| | |
|-----------------|--|
| Gibralter | 10017, 10030 |
| Go Video | 10886 |
| GoldStar | 10178, 10030, 10001, 10002, 10032, 10039, 10056, 10409, 11926 |
| Goodmans | 10360 |
| GPX | 10179 |
| Gradiente | 10392, 11804 |
| Granada | 10339 |
| Grundig | 10683 |
| Grunpy | 10180, 10179, 10070, 10535 |
| H & B | 11366 |
| Haier | 11034, 10768, 11748, 11749 |
| Hallmark | 10178 |
| Hannspree | 11348, 11351, 11352, 11745 |
| Hantarex | 11338 |
| Harley Davidson | 10043, 10179, 11904 |
| Harman/Kardon | 10054, 10078 |
| Harvard | 10180, 10068 |
| Havermy | 10093 |
| Helios | 10865 |
| Hello Kitty | 10451 |
| Hewlett Packard | 11494, 11088, 11089, 11101, 11502 |
| Hisense | 10748, 11314 |
| Hitachi | 11643, 11145, 10145, 11960, 11904, 11445, 11345, 11045, 10797, 10413, 10409, 10279, 10173, 10151, 10097, 10095, 10056, 10038, 10032, 10016, 10577, 10583 |
| HP | 11494, 11088, 11089, 11101, 11502 |
| Humax | 11501 |
| Hyundai | 10849, 11219, 11294, 11814 |
| I-Inc | 11746 |
| iLo | 11286, 11603, 11684, 11990 |
| Infinity | 10054 |
| InFocus | 10752, 11430, 11516 |
| Initial | 11603, 11990 |
| Insignia | 11423, 11564, 10171, 11204, 11326, 11517, 11641, 11710, 11780, 11963, 12002, 12049, 12088 |
| Inteq | 10017 |
| IX | 10877 |
| Janeil | 10046 |
| JBL | 10054 |
| JCB | 10000 |
| Jensen | 10761, 10050, 10815, 10817, 11299, 11933 |

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| JVC | 10053, 10036, 10069, 10160, 10169, 10182, 10650, 10731, 11253, 11302, 11352, 11601, 11633, 11774, 11923, 10094 |
| Kawasho | 10158, 10308 |
| Kaypani | 10052 |
| KDS | 11498, 11687 |
| KEC | 10180 |
| Kenwood | 10030 |
| Ken Brown | 11321 |
| KLH | 10765, 10767, 11962 |
| Kloss | 10024, 10046, 10078 |
| Konka | 10628, 10632, 10638, 10703, 10707, 11939, 11940 |
| Kost | 11262, 11483 |
| Kreisen | 10876 |
| KTV | 10180, 10030, 10039, 10183, 10185, 10217, 10280 |
| LG | 11423, 10017, 10178, 10442, 10700, 10829, 10856, 11178, 11325, 11993 |
| Lloyd's | 11904 |
| Loewe | 10136, 10512 |
| Logik | 10016 |
| Luxman | 10056 |
| LXI | 10047, 10054, 10154, 10156, 10178, 10148, 10747 |
| MAG | 11498, 11687 |
| Magnasonic | 11928 |
| Magnavox | 11454, 11866, 11755, 10054, 10051, 10030, 10706, 11990, 11963, 11931, 11904, 11525, 11365, 11254, 11198, 10802, 10386, 10187, 10186, 10179, 10096, 10036, 10028, 10024, 10020 |
| Majestic | 10016 |
| Marantz | 11454, 10054, 10030, 10704, 10854, 10855, 11154, 11398 |
| Matsushita | 10250, 10650 |
| Maxent | 11755, 10762, 11211, 11714, 11757 |
| Megapower | 10700 |
| Megatron | 10178, 10145, 10003 |
| MEI | 10185 |
| Memorex | 10154, 10463, 10150, 10178, 10016, 10179, 10877, 11903, 11911, 11926, 11935 |
| MGA | 10150, 10178, 10030, 10155 |
| Micro | 11436 |
| Midland | 10047, 10017, 10051, 10032, 10039, 10135, 10747 |
| Mintek | 11603, 11990 |

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| Minutz | 10021 |
| Mitsubishi | 11250, 10093, 10150, 10178, 10014, 10098, 10155, 10195, 10331, 10358, 10836, 10868, 11392, 11522, 11917, 11151 |
| Monivision | 10700, 10843 |
| Motorola | 10093, 10835 |
| Moxell | 10835 |
| MTC | 10060, 10030, 10049, 10056, 10091, 10185 |
| Multitech | 10180, 10049, 10217 |
| NAD | 10156, 10178, 10056, 10866, 11156 |
| Nakamichi | 11493 |
| NEC | 10030, 10036, 10056, 10170, 10497, 10882, 11398, 11704, 11797 |
| Neovia | 11338 |
| NetTV | 11755, 10762 |
| NEX | 11814 |
| Nexus Electronics | 12183 |
| Nikko | 10178, 10030, 10092 |
| Niko | 11581, 11618 |
| Noblex | 10430 |
| Norcent | 10748, 10824, 11089, 11365, 11589, 11590, 11591 |
| Norwood Micro | 11286, 11296, 11303 |
| Noshi | 10018 |
| NTC | 10092 |
| NuVision | 11657, 12158 |
| Olevia | 11610, 11144, 11240, 11331 |
| Olympus | 11342 |
| Onwa | 10180 |
| Optimus | 10250, 10154, 10166, 10650 |
| Optoma | 10887, 11348, 11622, 11674 |
| Optonica | 10093, 10165 |
| Orion | 10236, 10463, 11463, 10002, 10179, 11911, 11929 |
| Panasonic | 10250, 11480, 11457, 10051, 10030, 10162, 10226, 10650, 11271, 11291, 11310, 11510, 11919, 11941, 11946, 11947 |
| Penney | 10047, 10156, 10051, 10060, 10178, 10030, 11926, 11919, 11347, 10747, 10149, 10138, 10135, 10110, 10039, 10032, 10027, 10021, 10018, 10003, 10002 |
| Petters | 11523 |
| Philco | 10054, 10030, 10171, 10020, 10024, 10028, 10096, 10187, 10381, 11271, 11394, 11963, 10786, 11029 |

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| Philips | 11454, 10054, 10512, 10690, 11154, 11254, 11483, 11744, 11867, 11961, 10012, 10013 |
| Pilot | 10030, 10039 |
| Pioneer | 11457, 10166, 10038, 10172, 10679, 10866, 11260, 11398, 11633 |
| Planar | 11496 |
| Polaroid | 11523, 10765, 12117, 12063, 12002, 11992, 11991, 11962, 11767, 11766, 11763, 11687, 11498, 11341, 11328, 11327, 11326, 11316, 11314, 11286, 11276, 11262, 10865 |
| Portland | 10451, 10092, 10039 |
| Prima | 10761, 10783, 10815, 10817, 11785, 11933 |
| Princeton | 10700, 10717 |
| Prism | 10051 |
| Proscan | 11447, 10047, 10466, 10747, 11347, 11922, 12256 |
| Proton | 10178, 10003, 10031, 10052, 10466 |
| Protron | 11320, 11323, 11092 |
| Provew | 10835, 11401, 11498, 11687 |
| Pulsar | 10017 |
| Puneet | 11546 |
| Pye | 10412 |
| Quasar | 10250, 10051, 10165, 10650, 11919 |
| RadioShack | 10047, 10154, 10180, 10178, 10030, 10032, 10039, 10056, 10165, 10409, 10747, 11904 |
| RCA | 11547, 11447, 10047, 10051, 10093, 12187, 12002, 11958, 11953, 11948, 11922, 11919, 11917, 11781, 11347, 11247, 11147, 11047, 10774, 10747, 10679, 10278, 10174, 10135, 10090, 10038, 10029, 10018 |
| Realistic | 10154, 10180, 10178, 10030, 10032, 10039, 10056, 10165 |
| RevolutionHD | 11623 |
| Rhapsody | 10183, 10185 |
| Runco | 10017, 10030, 10251, 10497, 10603, 11292, 11397, 11398, 11628, 11629, 11638, 11639, 11679 |
| Sampo | 11755, 10030, 10032, 10039, 10052, 10100, 10110, 10762 |
| Samsung | 10812, 10054, 10060, 10702, 10178, 10030, 11959, 11903, 11632, 11575, 11395, 11312, 11249, 11060, 10814, 10766, 10032, 10650, 10618, 10587, 10427, 10329, 10056 |

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| Samsux | 10039 |
| Sansui | 10463, 10171, 10165, 10173, 11409, 11904, 11911, 11929, 11935 |
| Sanyo | 10054, 10154, 10036, 10088, 10107, 10146, 10208, 10484, 10799, 10893, 11142 |
| Sceptre | 10878, 11217, 11360, 11599 |
| Scotch | 10178 |
| Scott | 10236, 10180, 10178, 10179, 11711 |
| Sears | 10047, 10054, 10154, 10156, 10178, 10171, 10056, 10146, 10148, 10149, 10179, 10281, 10747, 11007, 11904, 11926 |
| Seleco | 11297, 11351 |
| Sharp | 10818, 10093, 10039, 10153, 10157, 10165, 10281, 10386, 10491, 10688, 10689, 10851, 11393, 11602, 11917 |
| Sheng Chia | 10093 |
| Sherwood | 11399 |
| Signature | 10016 |
| Signet | 11262 |
| SIM2 Multimedia | 11297 |
| Simpson | 10186, 10187 |
| Sole | 10813, 11366, 11483, 11623 |
| Sony | 10000, 10810, 10010, 10011, 10080, 10111, 10834, 11317, 11685, 11904, 11925, 10505 |
| Soundesign | 10180, 10178, 10179, 10186 |
| Sova | 11320, 11952 |
| Soyo | 11546, 11746, 11824, 11826 |
| Spectricon | 10003, 10137 |
| Spectroniq | 11498, 11687 |
| Squareview | 10171 |
| SSS | 10180 |
| Starlite | 10180 |
| Studio Experience | 10843 |
| Superscan | 10093, 10864 |
| Supre-Macy | 10046 |
| Supreme | 10000 |
| SVA | 10748, 10587, 10768, 10865, 10870, 10871, 10872, 11963 |
| Sylvania | 11864, 10054, 10030, 10171, 11963, 11931, 11394, 11314, 11271, 10587, 10381, 10187, 10096, 10065, 10028, 10024, 10020 |
| Symphonic | 10180, 10171, 10068, 11904 |
| Syntax | 11610, 10171, 11144, 11240, 11331 |
| Tandy | 10093 |

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| Tatung | 10003, 10049, 10396, 11101, 11285, 11286, 11287, 11288, 11361, 11756 |
| Teac | 10264, 10698 |
| Technics | 10250, 10051 |
| Technol Ace | 10179 |
| Techview | 10847, 12004 |
| Techwood | 10051, 10003, 10056 |
| Teknika | 10054, 10180, 10150, 10060, 10092, 10016, 10039, 10056, 10179, 10186, 10312 |
| Telefunken | 10702, 10056 |
| Tera | 10031 |
| Thomas | 11904 |
| TMK | 10178, 10056, 10177 |
| TNCi | 10017 |
| Toshiba | 11524, 10154, 10156, 11256, 10060, 12006, 11945, 11936, 11935, 11918, 11704, 11656, 11635, 11369, 11356, 11343, 11325, 11306, 11156, 10845, 10832, 10822, 10650, 10149, 10148, 10036, 11971 |
| Tosonic | 10185 |
| Totevision | 10039 |
| Trical | 10157 |
| TruTech | 11723, 12066 |
| TVS | 10463 |
| Ultra | 11323 |
| Universal | 10027 |
| Universum | 10535, 11337 |
| US Logic | 11286, 11303 |
| Vector Research | 10030 |
| VEOS | 11007 |
| Victor | 10053 |
| Video Concepts | 10098 |
| Vidikron | 10054, 10242, 11292, 11302, 11397, 11398, 11628, 11629, 11633 |
| Vidtech | 10178, 10036 |
| Viewsonic | 11755, 10797, 10857, 10864, 10885, 11330, 11342, 11578, 11627, 11640, 12014 |
| Viking | 10046, 10312 |
| Viore | 11755, 11207, 11684 |
| Visart | 11336 |
| Vizio | 11758, 10864, 10885, 11499, 11756 |
| Wards | 11758, 10054, 10178, 10030, 11156, 10866, 10187, 10179, 10174, 10165, 10111, 10096, 10080, 10056, 10029, 10028, 10027, 10021, 10020, 10016 |

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| Waycon | 10156 |
| Westinghouse | 10000, 11712, 10451, 10885, 10889, 10890, 11282, 11577 |
| White Westinghouse | 10451, 10463, 10179, 10623, 11092 |
| WinBook | 11381 |
| Wyse | 11365 |
| Yamaha | 10030, 10769, 10797, 10833, 10839, 11526 |
| Zenith | 10000, 11423, 10047, 10017, 10463, 10178, 10030, 11145, 10145, 10092, 10016, 10160, 11904, 11911, 11929 |
| Zonda | 10003, 10698, 10779 |

Setup Codes for TVs (DLP)

| | |
|-----------------|----------------------------|
| Hewlett Packard | 11494 |
| HP | 11494 |
| Magnavox | 11525 |
| Mitsubishi | 11250 |
| Optoma | 10887 |
| Panasonic | 11291 |
| RCA | 11447 |
| Samsung | 10812, 11060, 11312, 11632 |
| SIM2 Multimedia | 11297 |
| SVA | 10872 |
| Toshiba | 11524, 11306 |
| Vizio | 11499 |

Setup Codes for TVs (LCD)

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|--------------------|---|
| Accurian | 11803 |
| Action | 10873 |
| Akai | 11675, 11676, 11688, 11689, 11692, 11693, 11935 |
| AOC | 11365, 12014 |
| Aomni | 11623 |
| Apex Digital | 10890, 11217 |
| Astar | 11531, 11548, 11738 |
| Audiovox | 10180, 10710, 10802, 10846, 10875, 11284, 11937, 11951, 11952 |
| BenQ | 11315 |
| Byd:sign | 11309, 11311 |
| Cadia | 11283 |
| Casio | 11205 |
| Citizen | 11935 |
| Coby | 12314, 12315 |
| CyberHome | 10794 |
| Dell | 11264, 11080, 11178, 11863 |
| Digital Lifestyles | 11765 |
| DIRECTV | 11501 |

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| Dynex | 11780, 12049, 12184 |
| Element | 11687 |
| Emerson | 11864, 11394, 11963 |
| Emprex | 11422, 11546, 11765 |
| Encross | 10876 |
| Envision | 10813, 11365, 12014 |
| FlexVision | 10710 |
| Funai | 10171 |
| GFM | 12167 |
| Go Video | 10886 |
| H & B | 11366 |
| Haier | 11748, 11749 |
| Hannspree | 11348, 11351, 11745 |
| Hewlett Packard | 11088 |
| Hisense | 11314 |
| Hitachi | 11643, 11445 |
| HP | 11088 |
| Humax | 11501 |
| Hyundai | 10849, 11219, 11294 |
| I-Inc | 11746 |
| iLo | 11286, 11603, 11684, 11990 |
| Initial | 11603, 11990 |
| Insignia | 11564, 11204, 11517, 11710, 11780, 12002, 12049 |
| IX | 10877 |
| Jensen | 11299 |
| JVC | 11601, 11774 |
| Kost | 11262 |
| Kreisen | 10876 |
| LG | 11423, 10856, 11178, 11993 |
| Magnavox | 11866, 10802, 11198, 11365, 11990 |
| Marantz | 10855 |
| Maxent | 11755, 10762, 11211, 11714, 11757 |
| Micro | 11436 |
| Mintek | 11603, 11990 |
| Mitsubishi | 11250 |
| NEC | 11797 |
| NetTV | 10762 |
| Nexus Electronics | 12183 |
| Niko | 11581, 11618 |
| Norcent | 11365, 11589, 11591 |
| Norwood Micro | 11286, 11296 |
| NuVision | 11657, 12158 |
| Olevia | 11610, 11144, 11240, 11331 |
| Panasonic | 11480, 10650, 11941 |
| Petters | 11523 |
| Philips | 11454, 11483, 11744, 11867 |
| Pioneer | 11260 |
| Planar | 11496 |

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| Polaroid | 11523, 11262, 11276, 11316, 11341, 11498, 11687, 11763, 11766, 11767, 12063 |
| Prima | 11785 |
| Proscan | 12256 |
| Protron | 11320, 11323 |
| Proview | 11401 |
| Puneet | 11546 |
| RCA | 10047, 11781, 11958, 12187 |
| RevolutionHD | 11623 |
| Runco | 11629 |
| Sampo | 11755, 10762 |
| Samsung | 10812, 10766, 10814, 11395, 11575, 11632 |
| Sansui | 11409 |
| Sanyo | 11142 |
| Sceptre | 10878, 11217, 11360, 11599 |
| Scott | 11711 |
| Sharp | 10818, 10093, 11602 |
| Sherwood | 11399 |
| Signet | 11262 |
| Sole | 11366, 11483, 11623 |
| Sony | 10810, 11685 |
| Sova | 11320 |
| Soyo | 11546, 11746, 11824, 11826 |
| Superscan | 10864 |
| SVA | 10587, 10870, 10871 |
| Sylvania | 11864, 10171, 11271, 11314, 11394 |
| Symphonic | 10171 |
| Syntax | 11610, 11144, 11240, 11331 |
| Tatung | 11286 |
| Techview | 10847, 12004 |
| Toshiba | 11524, 10822, 10845, 11343, 11635, 11656, 12006 |
| TruTech | 11723 |
| Ultra | 11323 |
| US Logic | 11286 |
| Vidikron | 11398, 11629 |
| Viewsonic | 10857, 10864, 10885, 11330, 11578, 11627, 11640, 12014 |
| Viore | 11684 |
| Visart | 11336 |
| Vizio | 11758, 10864, 10885, 11756 |
| Westinghouse | 11712, 10885, 10889, 10890, 11282, 11577 |
| WinBook | 11381 |
| Wyse | 11365 |

Setup Codes for TV/DVD Combos

Controlled by the TV

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|----------------|-----------------------------------|
| Accurian | 11803 |
| Advent | 11933 |
| Akai | 11675, 11935 |
| Apex Digital | 11943, 11991 |
| Audiovox | 11937, 11951, 11952 |
| Axion | 11937 |
| Broksonic | 11935 |
| Cinego | 11986 |
| Citizen | 11935 |
| Coby | 12315 |
| Diamond Vision | 11997 |
| Dynex | 11810, 12049, 12184 |
| Emerson | 11864, 11394, 11963 |
| ESA | 11963 |
| Funai | 11963 |
| GFM | 11963 |
| Hitachi | 11960 |
| iLo | 11990 |
| Initial | 11990 |
| Insignia | 11963, 12002, 12049 |
| Jensen | 11933 |
| KLH | 11962 |
| Konka | 11939, 11940 |
| LG | 11423, 11993 |
| Magnavox | 11866, 11963, 11990 |
| Maxent | 11714 |
| Mintek | 11990 |
| Panasonic | 11941 |
| Philips | 11961 |
| Polaroid | 11523, 11766, 11962, 11991, 12002 |
| Prima | 11933 |
| Proscan | 12256 |
| RCA | 11948, 11958, 12002, 12187 |
| Samsung | 11903 |
| Sansui | 11935 |
| Sharp | 10818 |
| Sova | 11952 |
| Sylvania | 11864, 11394, 11963 |
| Techview | 12004 |
| Toshiba | 11524, 11635, 11935, 12006 |
| TruTech | 12066 |

Setup Codes for TV/DVD Combos

Controlled by the DVD

| | |
|--------|-------|
| Advent | 21016 |
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|----------------|---------------------|
| Akai | 20695 |
| Apex Digital | 20830, 21480 |
| Audiovox | 21071, 21121, 21122 |
| Axion | 21071 |
| Broksonic | 20695 |
| Cinego | 21399 |
| Citizen | 20695 |
| Diamond Vision | 21610 |
| Emerson | 20675, 21268 |
| ESA | 21268 |
| Funai | 21268 |
| GFM | 21268 |
| Go Vision | 21071 |
| Hitachi | 21247 |
| iLo | 21472 |
| Initial | 21472 |
| Insignia | 21013, 21268 |
| Jensen | 21016 |
| KLH | 21261 |
| Konka | 20719, 20720 |
| LG | 21526 |
| Magnavox | 21268, 21472 |
| Mintek | 21472 |
| Naxa | 21473 |
| Panasonic | 21490 |
| Philips | 20854, 21260 |
| Polaroid | 21013, 21261, 21480 |
| Prima | 21016 |
| RCA | 21013, 21022, 21193 |
| Samsung | 20899 |
| Sansui | 20695 |
| Sova | 21122 |
| Sylvania | 20675, 21268 |
| Toshiba | 20695 |
| TruTech | 22264 |

Setup Codes for TV/VCR Combos

Controlled by the TV

| | |
|-----------------|----------------------------|
| America Action | 10180 |
| Audiovox | 10180 |
| Broksonic | 11911, 11929 |
| Citizen | 11928 |
| Curtis Mathes | 11919 |
| Daewoo | 11928 |
| Emerson | 10236, 11911, 11928, 11929 |
| Funai | 11904 |
| GE | 11917, 11919, 11922 |
| GoldStar | 11926 |
| Harley Davidson | 11904 |

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|------------|---------------------|
| Hitachi | 11904 |
| JVC | 11923 |
| Lloyd's | 11904 |
| Magnasonic | 11928 |
| Magnavox | 11904, 11931 |
| Memorex | 11926 |
| Mitsubishi | 11917 |
| Orion | 11911, 11929 |
| Panasonic | 11919 |
| Penney | 11919, 11926 |
| Quasar | 11919 |
| RadioShack | 11904 |
| RCA | 11917, 11919, 11922 |
| Samsung | 11959 |
| Sansui | 11904, 11911, 11929 |
| Sears | 11904, 11926 |
| Sony | 11904, 11925 |
| Sylvania | 11931 |
| Symphonic | 11904 |
| Thomas | 11904 |
| Toshiba | 11918, 11936 |
| Zenith | 11904, 11911, 11929 |

Setup Codes for TV/VCR Combos

Controlled by the VCR

| | |
|-----------------|-----------------------------------|
| America Action | 20278 |
| Audiovox | 20278 |
| Broksonic | 20002, 20479, 21479 |
| Citizen | 21278 |
| Colt | 20072 |
| Curtis Mathes | 21035 |
| Daewoo | 20637, 21278 |
| Emerson | 20002, 20479, 20593, 21278, 21479 |
| Funai | 20000 |
| GE | 20240, 20807, 21035, 21060 |
| GoldStar | 21237 |
| Harley Davidson | 20000 |
| Hitachi | 20000 |
| Lloyd's | 20000 |
| Magnasonic | 20593, 21278 |
| Magnavox | 20000, 20593, 21781 |
| Magnin | 20240 |
| Memorex | 20162, 21162, 21237, 21262 |
| MGA | 20240 |
| Mitsubishi | 20807 |
| Optimus | 20162, 20593, 21162, 21262 |
| Orion | 20002, 20479, 21479 |
| Panasonic | 20162, 21035, 21162, 21262 |
| Penney | 20240, 21035, 21237 |

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|--------------------|----------------------------|
| Quasar | 20162, 21035, 21162 |
| RadioShack | 20000 |
| RCA | 20240, 20807, 21035, 21060 |
| Samsung | 21014 |
| Sansui | 20000, 20479, 21479 |
| Sanyo | 20240 |
| Sears | 20000, 21237 |
| Sony | 21232, 20000 |
| Sylvania | 21781 |
| Symphonic | 20000, 20593 |
| Thomas | 20000 |
| Toshiba | 20845, 21145 |
| White Westinghouse | 20637 |
| Zenith | 20000, 20479, 20637, 21479 |

Setup Codes for VCRs

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| ABS | 21972 |
| Accurian | 20000 |
| Admiral | 20048, 20209, 20020, 20479 |
| Adventura | 20000 |
| Aiko | 20278 |
| Aiwa | 20037, 20000, 20124, 20307 |
| Akai | 20041, 20061, 20106 |
| Alienware | 21972 |
| Allegro | 20039, 21137 |
| America Action | 20278 |
| American High | 20035 |
| Asha | 20240 |
| Audio Dynamics | 20040 |
| Audiovox | 20037, 20278 |
| Beaumark | 20240 |
| Bell & Howell | 20104 |
| Broksonic | 20184, 20121, 20209, 20002, 20295, 20479, 21479 |
| Calix | 20037 |
| Canon | 20035 |
| Capehart | 20020 |
| Carver | 20081 |
| CCE | 20072, 20278 |
| CineVision | 21137 |
| Citizen | 20037, 20278, 21278 |
| Colt | 20072 |
| Craig | 20037, 20047, 20240, 20072, 20271 |
| Crosley | 20081, 20000 |
| Curtis Mathes | 20060, 20035, 20162, 20240, 20041, 20278, 20760, 21035 |
| Cybernex | 20240 |
| CyberPower | 21972 |

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| Daewoo | 20045, 20278, 20020, 20561, 20637, 21137, 21278 |
| Daytron | 20020 |
| DBX | 20040 |
| Dell | 21972 |
| Denon | 20042 |
| DIRECTV | 20739, 21989 |
| Durabrand | 20039, 20038 |
| Dynatech | 20000 |
| Electrohome | 20037, 20043 |
| Electrophonic | 20037 |
| Emerex | 20032 |
| Emerson | 20037, 20184, 20000, 20121, 20043, 20209, 20002, 20278, 20068, 20061, 20036, 20208, 20212, 20295, 20479, 20561, 20593, 20637, 21278, 21479, 21593 |
| ESA | 21137 |
| Fisher | 20047, 20104, 20054, 20066 |
| Fuji | 20035, 20033 |
| Funai | 20000, 20593, 21593 |
| Garrard | 20000 |
| Gateway | 21972 |
| GE | 20060, 20035, 20240, 20202, 20760, 20761, 20807, 21035, 21060 |
| GFM | 21593 |
| Go Video | 20240, 20432, 20526, 20614, 20643, 21137, 21873 |
| GoldStar | 20037, 20038, 21137, 21237 |
| Gradiente | 20000 |
| Harley Davidson | 20000 |
| Harman/Kardon | 20081, 20038 |
| Harwood | 20072, 20068 |
| Headquarter | 20046 |
| Hewlett Packard | 21972 |
| HI-Q | 20047 |
| Hitachi | 20000, 20042, 20041, 20089, 20105 |
| Howard Computers | 21972 |
| HP | 21972 |
| Hughes Network Systems | 20739, 20042 |
| Humax | 20739, 21797, 21988 |
| Hush | 21972 |
| iBUYPOWER | 21972 |
| Instant Replay | 20035 |
| Jensen | 20041 |
| JVC | 20067, 20041, 20008, 21162 |
| KEC | 20037, 20278 |
| Kenwood | 20067, 20041, 20038 |
| KLH | 20072 |
| Kodak | 20035, 20037 |

| | |
|-----------------|---|
| LG | 21137 |
| Linksys | 21972 |
| Lloyd's | 20000, 20208 |
| Logik | 20072 |
| LXI | 20037 |
| Magnasonic | 20593, 21278 |
| Magnavox | 20035, 20039, 20081, 20000, 20149, 20110, 20563, 20593, 21593, 21781 |
| Magnin | 20240 |
| Marantz | 20035, 20081, 20003 |
| Marta | 20037 |
| Matsushita | 20035, 20162, 21162 |
| Media Center PC | 21972 |
| MEI | 20035 |
| Memorex | 20035, 20162, 20037, 20048, 20039, 20047, 20240, 20000, 20104, 20209, 20072, 20046, 20307, 20479, 21162, 21237, 21262 |
| MGA | 20240, 20043, 20061 |
| MGN Technology | 20240 |
| Microsoft | 21972 |
| Mind | 21972 |
| Minolta | 20042, 20105 |
| Mitsubishi | 20067, 20043, 20061, 20173, 20807, 21795 |
| Motorola | 20035, 20048 |
| MTC | 20240, 20000 |
| Multitech | 20000, 20072 |
| NEC | 20104, 20067, 20041, 20038, 20040 |
| Nikko | 20037 |
| Nikon | 20034 |
| Niveus Media | 21972 |
| Noblex | 20240 |
| Northgate | 21972 |
| Olympus | 20035 |
| Optimus | 21062, 20162, 20037, 20048, 20104, 20432, 20593, 21048, 21162, 21262 |
| Optonica | 20062 |
| Orion | 20184, 20209, 20002, 20295, 20479, 21479 |
| Panasonic | 21062, 20035, 20162, 20077, 20225, 20614, 20616, 21035, 21162, 21262, 21807 |
| Penney | 20035, 20037, 20240, 20042, 20038, 20040, 20054, 21035, 21237 |
| Pentax | 20042, 20105 |

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| Philco | 20035 |
| Philips | 20739, 20035, 20081, 20062, 20110, 20618, 21081, 21181, 21818 |
| Pilot | 20037 |
| Pioneer | 20067, 21337, 21803 |
| Polk Audio | 20081 |
| Portland | 20278, 20020 |
| Presidian | 21593 |
| Profitronic | 20240 |
| Proscan | 20060, 20202, 20760, 20761, 21060 |
| Protec | 20072 |
| Pulsar | 20039 |
| Quarter | 20046 |
| Quartz | 20046 |
| Quasar | 20035, 20162, 20077, 21035, 21162 |
| RadioShack | 20000 |
| Radix | 20037 |
| Randex | 20037 |
| RCA | 20060, 20240, 20042, 20149, 20077, 20105, 20106, 20202, 20760, 20761, 20807, 20880, 21035, 21060, 21989 |
| Realistic | 20035, 20037, 20048, 20047, 20000, 20104, 20046, 20062, 20066 |
| ReplayTV | 20614, 20616 |
| Ricavision | 21972 |
| Ricoh | 20034 |
| Rio | 21137 |
| Runco | 20039 |
| Samsung | 20739, 20240, 20045, 21014 |
| Samtron | 20643 |
| Sankyo | 20048, 20039 |
| Sansui | 20000, 20067, 20209, 20041, 20271, 20479, 21479 |
| Sanyo | 20047, 20240, 20104, 20046 |
| Sceptre | 20104 |
| Scott | 20184, 20045, 20121, 20043, 20210, 20212 |
| Sears | 20035, 20037, 20047, 20000, 20042, 20104, 20046, 20054, 20066, 20105, 21237 |
| Sharp | 20048, 20062, 20807, 20848, 21875 |
| Shintom | 20072 |
| Shogun | 20240 |
| Singer | 20072 |
| SKY | 22032 |
| Sonic Blue | 20614, 20616, 21137 |
| Sony | 21232, 20032, 20035, 20033, 20000, 20034, 20636, 21032, 21886, 21972 |

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|--------------------|---|
| Stack 9 | 21972 |
| STS | 20042 |
| Sylvania | 20035, 20081, 20000, 20043, 20110, 20593, 21593, 21781 |
| Symphonic | 20000, 20593, 21593 |
| Systemax | 21972 |
| Tagar Systems | 21972 |
| Tashiko | 20037 |
| Tatung | 20041 |
| Teac | 20000, 20041 |
| Technics | 20035, 20162 |
| Teknika | 20035, 20037, 20000 |
| Thomas | 20000 |
| TiVo | 20739, 20618, 20636, 21337, 21996 |
| TMK | 20240, 20036, 20208 |
| Tocom | 20618 |
| Toshiba | 20045, 20043, 20209, 20066, 20210, 20212, 20366, 20845, 21008, 21145, 21972, 21988, 21996 |
| Totlevision | 20037, 20240 |
| Touch | 21972 |
| UltimateTV | 21989 |
| Unitech | 20240 |
| Vector | 20045 |
| Vector Research | 20038, 20040 |
| Video Concepts | 20045, 20040, 20061 |
| Videomagic | 20037 |
| Videosonic | 20240 |
| Viewsonic | 21972 |
| Villain | 20000 |
| Voodoo | 21972 |
| Wards | 20060, 20035, 20048, 20047, 20081, 20240, 20000, 20042, 20072, 20149, 20062, 20212, 20760 |
| White Westinghouse | 20209, 20072, 20637 |
| XR-1000 | 20035, 20000, 20072 |
| Yamaha | 20038 |
| Zenith | 20037, 20039, 20033, 20000, 20209, 20034, 20479, 20637, 21137, 21139, 21479 |
| ZT Group | 21972 |

Setup Codes for Satellite Set-top Boxes

| | |
|------------------------|--|
| Crossdigital | 01109 |
| DIRECTV | 00001, 00392, 00566, 00639, 01639, 01142, 00247, 00749, 01749, 00724, 00819, 01856, 01076, 01108, 00099, 01109, 00007, 00006, 00005, 00008, 01750, 01708, 01640, 01609, 01442, 01414, 01392, 00004, 00003, 00002 |
| GE | 00566 |
| General Instrument | 00869 |
| Hitachi | 00819 |
| Hughes Network Systems | 01142, 00749, 01749, 01442, 01750 |
| Jerrold | 00869 |
| LG | 01414, 01750 |
| Magnavox | 00724 |
| Memorex | 00724 |
| Mitsubishi | 00749 |
| Motorola | 00869, 00856 |
| Next Level | 00869 |
| Panasonic | 00247, 00701 |
| Paysat | 00724 |
| Philips | 01142, 00749, 01749, 00724, 01076, 00099, 01442 |
| Proscan | 00392, 00566 |
| RadioShack | 00869 |
| RCA | 00392, 00566, 00855, 00143, 01392 |
| Samsung | 00001, 01142, 01276, 01108, 01109, 01442, 01609, 01708 |
| Sony | 00639, 01639, 01640 |
| Star Choice | 00869 |
| TiVo | 01142, 01442 |
| Toshiba | 00749, 01749, 00790, 01285 |
| UltimateTV | 01392, 01640 |
| Uniden | 00724 |
| Voom | 00869 |
| Zenith | 01856 |

Setup Codes for Satellite Set-top Box/PVR Combos

| | |
|------------------------|--|
| DIRECTV | 00001, 00392, 00639, 01142, 01076, 00099, 00002, 00003, 00004, 01392, 01442, 01640, 00005, 00006, 00007, 00008 |
| Hughes Network Systems | 01142, 01442 |
| Motorola | 00869 |
| Philips | 01142, 01442 |
| Proscan | 00392 |
| RCA | 01392 |
| Samsung | 01442 |

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| Sony | 00639, 01640 |
| Star Choice | 00869 |
| TiVo | 01142, 01442 |

Setup Codes for DVD Players

| | |
|-----------------------|---|
| Accurian | 20675, 21072, 21416 |
| Adcom | 21094 |
| Advent | 21016 |
| Aiwa | 20533, 20641 |
| Akai | 20695, 20770, 20899, 21089 |
| Alco | 20790 |
| Allegro | 20869 |
| Amoisonic | 20764 |
| Amphion Media Works | 20872, 21245 |
| AMW | 20872, 21245 |
| Apex Digital | 20672, 20717, 20755, 20794, 20795, 20796, 20797, 20830, 21004, 21056, 21061, 21100, 21480 |
| Arrgo | 21023 |
| Aspire Digital | 21168, 21407 |
| Astar | 21489, 21678, 21679 |
| Audiologic | 20736 |
| Audiovox | 20790, 21041, 21071, 21072, 21121, 21122 |
| Axion | 21071, 21072 |
| B & K | 20655, 20662 |
| BBK | 21224 |
| Bel Canto Design | 21571 |
| Blaupunkt | 20717 |
| Blue Parade | 20571 |
| Bose | 21895, 22023 |
| Broksonic | 20695, 20868, 21419 |
| Buffalo | 21882 |
| California Audio Labs | 20490 |
| Cambridge Soundworks | 20690 |
| Casio | 20512 |
| Cary Audio Design | 21477 |
| CAVS | 21057 |
| Centrios | 21577 |
| Cinea | 20831 |
| Cinego | 21399 |
| Cinematrix | 21052 |
| CineVision | 20876, 20833, 20869, 21483 |
| Citizen | 20695, 21277 |
| Clatronic | 20788 |
| Coby | 20778, 20852, 21086, 21107, 21165, 21177, 21351 |
| Craig | 20831 |
| Curtis Mathes | 21087 |

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|-----------------------|--|
| CyberHome | 20816, 20874, 21023, 21024, 21117, 21129, 21502, 21537 |
| D-Link | 21881 |
| D-Vision | 21173 |
| Daewoo | 20784, 20705, 20770, 20833, 20869, 21169, 21172, 21234, 21242, 21441, 21443 |
| Daytek | 20872 |
| Denon | 20490, 20634, 22258 |
| Desay | 21407, 21455 |
| Diamond Vision | 21316, 21609, 21610 |
| DigitalMax | 21738 |
| Digix Media | 21272 |
| Disney | 20675, 21270 |
| Dual | 21068, 21085 |
| Durabrand | 21023, 21127, 22164 |
| DVD2000 | 20521 |
| Emerson | 20591, 20675, 20821, 21268 |
| Encore | 21374 |
| Enterprise | 20591 |
| ESA | 20821, 21268, 21443 |
| Fisher | 20670, 21919 |
| Funai | 20675, 21268, 21334 |
| Gateway | 21073, 21077, 21158, 21194 |
| GE | 20522, 20815, 20717 |
| Genica | 20750 |
| GFM | 20675, 21268 |
| Go Video | 20744, 20715, 20741, 20783, 20833, 20869, 21044, 21075, 21099, 21144, 21148, 21158, 21304, 21443, 21483, 21730 |
| Go Vision | 21071, 21072 |
| GoldStar | 20741, 20869 |
| GPX | 20699, 20769 |
| Gradiente | 20490 |
| Greenhill | 20717 |
| Grundig | 20539 |
| Harman/Kardon | 20582, 20702, 21229 |
| Helios | 22080 |
| Hello Kitty | 20831 |
| Hitachi | 20573, 20664, 21247, 21919 |
| Hiteker | 20672 |
| Humax | 21500, 21588 |
| iLo | 21348, 21472 |
| Initial | 20717, 21472 |
| Innovative Technology | 21542 |
| Insignia | 20675, 21013, 21268, 22095, 22428 |
| Integra | 20571, 20627, 21769, 22147 |
| Jaton | 21078 |
| JBL | 20702 |

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| Jensen | 21016 |
| JSI | 21423 |
| JVC | 20558, 20623, 20867, 21275, 21550, 21602, 21863 |
| jWin | 21049, 21051 |
| Kawasaki | 20790 |
| Kenwood | 20490, 20682, 20737 |
| KLH | 20717, 20790, 21149, 21261 |
| Konka | 20711, 20719, 20720, 20721 |
| Koss | 20651, 20896, 21423 |
| Kreisen | 21421 |
| Krell | 21498 |
| Lafayette | 21369 |
| Landel | 20826 |
| Lasonic | 20798, 21173 |
| Lecson | 21533 |
| Lenoxx | 21127 |
| Lexicon | 20671 |
| LG | 20591, 20741, 20801, 20869, 21526 |
| LiteOn | 21058, 21158, 21416, 21440, 21656, 21738 |
| Loewe | 20511 |
| Magnavox | 20503, 20539, 20646, 20675, 20821, 21268, 21354, 21472, 21506 |
| Malata | 20782, 21159 |
| Marantz | 20539, 22414 |
| McIntosh | 21533, 21273, 21373 |
| Memorex | 20695, 20831, 21270, 22213 |
| Meridian | 21497 |
| Microsoft | 20522, 22083, 21708 |
| Mintek | 20839, 20717, 21472 |
| Mitsubishi | 21521, 20521 |
| MixSonic | 21130 |
| Momitsu | 21082 |
| Mustek | 21730 |
| Myryad | 20894 |
| NAD | 20692, 20741 |
| Nakamichi | 21222 |
| Naxa | 21473 |
| NEC | 20785 |
| Nesa | 20717, 21603 |
| NeuNeo | 21454 |
| Next Base | 20826 |
| NexxTech | 21402 |
| Norcent | 21003, 20872, 21107, 21265, 21457 |
| Nova | 21517, 21518, 21519 |
| Olevia | 22331 |
| Onkyo | 20503, 20627, 20792, 21417, 21418, 21612, 21769, 22147 |

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|-----------------------|---|
| Oppo | 20575, 21224, 22185 |
| OptoMedia Electronics | 20896 |
| Oritron | 20651 |
| Panasonic | 20490, 20503, 20632, 20703, 21362, 21462, 21490, 21579, 21641, 21762 |
| Philco | 20675, 20733, 20862, 21855, 22000 |
| Philips | 20503, 20539, 22056, 20646, 22434, 22334, 22084, 21506, 21354, 21340, 21267, 21260, 21158, 20885, 20854, 20675, 20671 |
| PianoDisc | 21024 |
| Pioneer | 20525, 20571, 20142, 20631, 20632, 21460, 21512, 21571, 22442 |
| Polaroid | 21013, 21061, 21086, 21245, 21261, 21316, 21478, 21480, 21482, 22130 |
| Polk Audio | 20539 |
| Portland | 20770 |
| Presidian | 20675, 21072, 21738 |
| Prima | 21016 |
| Primare | 21467 |
| Princeton | 20674 |
| Proceed | 20672 |
| Proscan | 20522 |
| ProVision | 20778 |
| Qwestar | 20651 |
| RCA | 20522, 20571, 20717, 20790, 20822, 21013, 21022, 21132, 21193, 21769 |
| Rio | 20869, 22002 |
| RJTech | 21360 |
| Rotel | 20623, 21178 |
| Rowa | 20823 |
| Sampo | 20698, 20752, 21501 |
| Samsung | 20490, 20573, 20744, 20199, 20820, 20899, 21044, 21075, 22069, 22329 |
| Sansui | 20695 |
| Sanyo | 20670, 20695, 20873, 21919 |
| Schneider | 20646 |
| Sensory Science | 21158 |
| Sharp | 20630, 20675, 20752, 21256, 21419, 22250 |
| Sharper Image | 21117 |
| Sherwood | 20633, 20770, 21043, 21077, 21889 |
| Sherwood Newcastle | 21077 |
| Shinsonic | 20533, 20839 |
| Sigma Designs | 20674 |
| SilverCrest | 21368 |
| Sonic Blue | 20869, 21099, 22002 |

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|----------------|---|
| Sony | 20533, 21533, 20864, 21033, 21070, 21431, 21432, 21433, 21516, 21548, 21633, 21824, 21892, 22020, 22043 |
| Sound Mobile | 21298 |
| Sova | 21122 |
| Sungale | 21074, 21342, 21532 |
| Superscan | 20821 |
| SVA | 20860, 21105 |
| Sylvania | 20675, 20821, 21268 |
| Symphonic | 20675, 20821, 21268 |
| TAG McLaren | 20894 |
| Teac | 20790, 20809, 20758 |
| Technics | 20490, 20703 |
| Technosonic | 20730 |
| Techwood | 20692 |
| Terapin | 21031, 21053, 21166 |
| Theta Digital | 20571 |
| TiVo | 21503, 21512, 21588 |
| Toshiba | 20503, 20695, 21045, 21154, 21503, 21510, 21515, 21588, 21769, 21854, 22277 |
| Tredex | 20799, 20800, 20803, 20804 |
| TruTech | 22264 |
| Urban Concepts | 20503 |
| US Logic | 20839 |
| Valor | 21298 |
| Venturer | 20790 |
| Vialta | 21509 |
| Viewmage | 21374 |
| Vizio | 21064, 21226 |
| Vocopro | 21027, 21360 |
| Wintel | 21131 |
| X10 | 21338 |
| Xbox | 20522, 22083, 21708 |
| Xwave | 21001 |
| Yamaha | 20490, 20539, 20646, 20545, 21416, 22298 |
| YBA | 20872 |
| Zektor | 21730 |
| Zenith | 20503, 20591, 20741, 20869 |
| Zoece | 21265 |

Setup Codes for PVRs

| | |
|------------|--------------|
| ABS | 21972 |
| Alienware | 21972 |
| CyberPower | 21972 |
| Dell | 21972 |
| DIRECTV | 20739, 21989 |

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|------------------------|----------------------------|
| Gateway | 21972 |
| Go Video | 20614, 21873 |
| Hewlett Packard | 21972 |
| Howard Computers | 21972 |
| HP | 21972 |
| Hughes Network Systems | 20739 |
| Humax | 20739, 21797, 21988 |
| Hush | 21972 |
| iBUYPOWER | 21972 |
| Linksys | 21972 |
| Media Center PC | 21972 |
| Microsoft | 21972 |
| Mind | 21972 |
| Mitsubishi | 21795 |
| Niveus Media | 21972 |
| Northgate | 21972 |
| Panasonic | 20614, 20616, 21807 |
| Philips | 20739, 20618, 21818 |
| Pioneer | 21337, 21803 |
| RCA | 20880, 21989 |
| ReplayTV | 20614, 20616 |
| Samsung | 20739 |
| Sharp | 21875 |
| Sonic Blue | 20614, 20616 |
| Sony | 20636, 21886, 21972 |
| Stack 9 | 21972 |
| Systemax | 21972 |
| Tagar Systems | 21972 |
| TiVo | 20739, 20618, 20636, 21337 |
| Toshiba | 21008, 21972, 21988, 21996 |
| Touch | 21972 |
| UltimateTV | 21989 |
| Viewsonic | 21972 |
| Voodoo | 21972 |
| ZT Group | 21972 |

Setup Codes for Audio Receivers

| | |
|---------------------|---|
| ADC | 30531 |
| Aiwa | 31405, 30189, 30121, 31089, 31243, 31321, 31347, 31388, 31641 |
| Akai | 31512 |
| Alco | 31390 |
| AMC | 31077 |
| Amphion Media Works | 31563, 31615 |
| AMW | 31563, 31615 |
| Anam | 31609, 31074 |
| Apex Digital | 31257, 31430, 31774 |
| Arcam | 31189, 31978, 32022 |
| Audiophase | 31387 |

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|----------------------|---|
| Audiotronic | 31189 |
| Audiovox | 31390, 31627 |
| B & K | 30701, 30820, 30840 |
| BK | 30702 |
| Bose | 31229, 30639, 31253, 31629, 31841, 31933 |
| Brix | 31602 |
| Cambridge Soundworks | 31370, 31477 |
| Capetronic | 30531 |
| Carver | 31189, 30189, 30042, 30121, 31089, 31289 |
| Casio | 30195 |
| Clarinette | 30195 |
| Classic | 31352 |
| Coby | 31263, 31389 |
| Criterion | 31420 |
| Curtis | 30797 |
| Daewoo | 31250 |
| Dell | 31383 |
| Delphi | 31414 |
| Denon | 31360, 30121, 31104, 31142, 31306, 31311, 31434, 32857 |
| Emerson | 30255 |
| Fisher | 30042, 31801 |
| Garrard | 30281, 30463, 30744 |
| Gateway | 31517 |
| GE | 31379 |
| Glory Horse | 31263 |
| Go Video | 31532 |
| GPX | 30744, 31299 |
| Harman/Kardon | 30110, 30189, 30891, 31289, 31304, 31306, 32241 |
| Hitachi | 31273, 31801 |
| iLive | 32013 |
| Initial | 31426 |
| Insignia | 31030, 31077, 31893, 32126, 32169, 32175 |
| Integra | 30135, 31298, 31320, 31805 |
| iSymphony | 32258 |
| JBL | 30110, 31306 |
| Jensen | 30797 |
| JVC | 31058, 30074, 30464, 31263, 31282, 31374, 31495, 31560, 31643, 31811, 31871, 32161, 32239 |
| Kenwood | 31313, 31570, 31569, 30042, 30077, 30186, 30239, 30876, 31027, 31032, 31261, 31262, 31670, 31916 |
| KLH | 31390, 31428 |
| Koss | 30255, 30744, 31366, 31497 |

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|---------------|---|
| Lasonic | 31798 |
| Lenoxx | 31437 |
| LG | 31293, 31524, 32197 |
| Linn | 30189 |
| Liquid Video | 31497 |
| Lloyd's | 30195 |
| LXI | 30181, 30744 |
| Magnavox | 31189, 31269, 30189, 30195, 30391, 30531, 31089, 31268, 31514 |
| Marantz | 31189, 31269, 30039, 30189, 31089, 31289 |
| McIntosh | 31289 |
| MCS | 30039, 30346 |
| Micromega | 31189 |
| Mitsubishi | 31393 |
| Modulaire | 30195 |
| Musicmagic | 31089 |
| Myryad | 31189 |
| NAD | 30320, 30845 |
| Nakamichi | 31313, 30097, 30876, 31555, 31236 |
| Norcent | 31389 |
| Nova | 31389 |
| NTDE Geniesom | 30744 |
| Onkyo | 30135, 30380, 30842, 31298, 31320, 31531, 31805, 31905 |
| Optimus | 31023, 30042, 30181, 30186, 30531, 30670, 30738, 30744, 30797, 30801, 31074 |
| Orient Power | 30744 |
| Oritron | 31366, 31497 |
| Panasonic | 31308, 31518, 30039, 30367, 30763, 31275, 31288, 31316, 31350, 31363, 31509, 31548, 31633, 31763, 31764, 32967 |
| Philco | 31562, 31838 |
| Penney | 30195, 30744 |
| Philips | 31189, 31269, 30189, 30346, 30391, 30531, 30891, 31089, 31266, 31268, 31283, 31365, 31368, 32311 |
| Pioneer | 31023, 30150, 30244, 30289, 30531, 30630, 30801, 31123, 31343, 31384, 31935 |
| Polaroid | 31508 |
| Polk Audio | 30189, 31289, 31414, 32115, 32270 |
| Proscan | 31254 |
| Quasar | 30039 |
| RadioShack | 30744, 31263 |
| RCA | 31023, 31609, 31254, 30082, 30346, 30530, 30531, 31074, 31123, 31390, 31511 |

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| Realistic | 30181, 30195 |
| Regent | 31437 |
| Rio | 31383, 31869 |
| Rotel | 30793 |
| Saba | 31519 |
| Samsung | 31295, 31304, 31500, 31868 |
| Sansui | 31189, 30189, 30193, 30346, 31089 |
| Sanyo | 30801, 31251, 31469, 31801 |
| Sharp | 30186, 31286, 31361, 31386 |
| Sharper Image | 30797, 31263, 31410, 31556 |
| Sherwood | 30491, 30502, 31077, 31423, 31517, 31653, 31905, 32169 |
| Sherwood Newcastle | 32169 |
| Shinsonic | 31426 |
| Sirius | 31602, 31627, 31811, 31987 |
| Sonic | 30281 |
| Sonic Blue | 31383, 31532, 31869 |
| Sony | 31759, 31058, 31441, 31258, 31622, 32172, 31958, 31858, 31822, 31758, 31658, 31558, 31547, 31529, 31503, 31458, 31406, 31382, 31371, 31367, 31358, 31347, 31158, 31131, 30793, 30168 |
| Soundesign | 30670 |
| Stereophonics | 31023 |
| Sunfire | 31313 |
| Sylvania | 30797 |
| Teac | 30463, 31074, 31390, 31528, 31178, 31199 |
| Technics | 31308, 31518, 30039, 31309 |
| Techwood | 30281 |
| Thorens | 31189 |
| Toshiba | 30135, 31123, 31788 |
| Venturer | 31390 |
| Victor | 30074 |
| Vizio | 31517 |
| Wards | 30189 |
| XM | 31406, 31414 |
| Yamaha | 30176, 30082, 30186, 30376, 31176, 31276, 31331, 31375, 31376, 31476, 31815, 32061 |
| Yamakawa | 30186 |
| Yorx | 30195 |
| Zenith | 30281, 30744, 30857, 31293, 31524 |

Setup Codes for Audio Amplifiers

| | |
|------------------|--------------|
| Adcom | 30577, 31100 |
| Bel Canto Design | 31583 |
| Bose | 30674 |

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|---------------|----------------------------|
| Carver | 30892 |
| Classe | 31461, 31462 |
| Curtis Mathes | 30300 |
| Durabrand | 31561, 31566 |
| GE | 30078 |
| Harman/Kardon | 30892 |
| JVC | 30331 |
| Kenwood | 30356 |
| Left Coast | 30892 |
| Lenoxx | 31561, 31566 |
| Lexicon | 31802 |
| Marantz | 30892, 30321 |
| Mark Levinson | 31483 |
| McIntosh | 30251 |
| Nakamichi | 30321 |
| NEC | 30264 |
| Optimus | 30395, 30300, 30823 |
| Parasound | 30246 |
| Philips | 30892, 30641 |
| Pioneer | 30013, 30300, 30823 |
| Polk Audio | 30892 |
| RCA | 30300, 30823 |
| Realistic | 30395 |
| Regent | 31568 |
| Sansui | 30321 |
| Sharp | 31432 |
| Shure | 30264 |
| Sony | 30689, 30815, 31126 |
| Soundesign | 30078 |
| Victor | 30331 |
| Wards | 30078, 30013 |
| Yamaha | 30354, 30133, 30143, 30504 |

Setup Codes for Audio Accessories

| | |
|-------------------|--------------|
| Acoustic Research | 32226 |
| Altec Lansing | 31056, 32251 |
| Apple | 31115 |
| Denon | 32815 |
| DLO | 31155 |
| GPX | 32113 |
| iHome | 32152 |
| iLive | 32113 |
| Logitech | 32182 |
| Memorex | 32119 |
| Philips | 32327 |
| Polk Audio | 32228 |

| | |
|--------------|--------------|
| Teac | 32262 |
| Tivoli Audio | 32158 |
| Vizio | 32454 |
| Yamaha | 32021, 32116 |

REPAIR OR REPLACEMENT POLICY

If the DIRECTV® Universal Remote Control does not function properly, DIRECTV will, at our sole discretion, repair or replace the DIRECTV Universal Remote Control, provided that:

- a. You are a customer of DIRECTV and your account is in good standing; and
- b. The problem with the DIRECTV Universal Remote Control was not caused by abuse, mishandling, alteration, accident, failure to follow operating, maintenance or environmental instructions set forth in this User Guide, or service performed by someone other than DIRECTV.

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Because some states do not allow the exclusion or limitation of liability for consequential or incidental damages, in such states, DIRECTV's liability is limited to the greatest extent permitted by law.

ADDITIONAL INFORMATION

This product does not have any user-serviceable parts. Opening the case, except for the battery cover, may cause permanent damage to your DIRECTV Universal Remote Control.

For help via the Internet, visit us at: directv.com

Or ask for technical support at: 1-800-531-5000

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M2991 C with use with URC2991 DIRECTV Universal Remote Control.

06/09

COMPLIANCE WITH FCC RULES AND REGULATIONS

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, the user is encour-

aged to try to correct the interference by one or more of the following measures:

- Increase or decrease the separation between the equipment and receiver.
- Consult the dealer or an experienced remote control/ TV technician for help.

This equipment has been verified to comply with the limits for a Class B computing device, pursuant to FCC Rules. The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment.

FCC Authorization Label

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

Responsible Party:

DIRECTV, Inc.
2230 E. Imperial Hwy.
El Segundo, CA 90245
1-800-531-5000

FCC ID #: MG3 2481